

ABSTRACT

In the case of trick mode decoding e.g. single step backward, it is necessary to decode any picture in the GOP independently from its location within the GOP. The inventive method for reproducing a digital data stream containing program information for trick mode display includes the following steps of decoded the incoming digital data stream in normal playmode. Creating a group of picture history during normal decoding and storing the history in a GOP history logger. For trick mode playback the digital data stream is edited using the GOP history to achieve the correct display order. For trick mode operation the edited bitstream is decoded and the target picture is displayed.

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